PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

Complete if Known				
Application Number	10/748,564			
Filing Date	12/30/2003			
First Named Inventor	Joseph B. Rowlands			
Art Unit	2187			
Examiner Name	none assigned R. ELWORE			
Attorney Docket Number	BP1833CON			

Examiner	Cite	Document Number	Publication Date	F DOCUMENTS  Name of Patentee or	Poppe Columns Lines 14/hors
Initials*	Cite No. <sup>1</sup>	Number-Kind Code <sup>2 (# known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RIE		<sup>US-</sup> 5,526,510	06-11-1996	Akkary et al.	
RIE		<sup>US-</sup> 5,809,524	09-15-1998	Singh et al.	
		US-			
-		US-			
		US-	``		
		US-	.		
		US-	<del>-</del>		<del></del>
		US-			<del>                                     </del>
		US-			
		US-			
		US-	<u> </u>		
	7	US-	1		
		US-	+		<del>- </del>

		FORE	IGN PATENT DOCU	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Т
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Topics of the bounds	Or Relevant Figures Appear	10
RIE		EP Search Report for				T
RIE		EP app. 02015677.4	02-04-2004	Broadcom Corp.		
	ļ					
	<del> </del>					Ļ
						Ļ
	L				1	ĺ

Examiner Signature	R. Eimore	Date Considered	3-7-2005
			_

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Petent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

JUL 2 9 2004 8

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction of 1995, no personal are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/748,564			
Filing Date	12/30/03			
First Named Inventor	Joseph B. Rowlands			
Art Unit	2171 2187			
Examiner Name				
Attorney Docket Number	BP1833CON			

Examiner	Cito	Declaration of the second		DOCUMENTS	
Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date  MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
RIE	B1	<sup>US-</sup> 6,393,529	05-2002	Keller	
RIE	B2	<sup>US-</sup> 6,240,487	05-2001	Liu et al.	
RIE	В3	<sup>US-</sup> 6,047,357	04-2000	Bannon et al.	
RIE	B4	<sup>US-</sup> 5,860,117	01-1999	Cherabuddi	
RIE	B5	<sup>US-</sup> 5,883,826	03-1999	Wendell et al.	
RIE	B6	<sup>US-</sup> 2003/0023814	01-2003	Barroso et al.	
RIE	B7	<sup>US-</sup> 2002/0147889	10-2002	Kruckemyer et al.	
		US-			
		U\$-			<del>-</del>
		US-			
		US-	<del> </del>		
		US-			

		FORE	<b>IGN PATENT DOCU</b>	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	T
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Orica Document	Or Relevant Figures Appear	⊤⁰
			·			
	_					L
_				<del>-</del>		
			<del></del>			L_
		•	1		1	Γ

Examiner Signature	R. ELMORE	Dat Co	nte onsidered	3-7-2005
		 		J- 1 COOS

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Page 1 of 2

TTY. DKT. NO. BP1833CON SERIAL NO. 10/748,564 List of Patents and Publications APPLICANT: JOSEPH B. ROWLANDS GROUP: 2191 For Applicant's Information Disclosure Statement 2187 FILING DATE: 12/30/03 (Use several sheets if necessary) U.S. PATENT DOCUMENTS EXAM. REF. DOCUMENT NUMBÉR DATE NAME **CLASS** FILING DATE IF SUB INITIALS DES. APPROPRIATE **CLASS** A10 6,038,645 RIE 3/14/00 Nanda, et al. FOREIGN PATENT DOCUMENTS EXAM. REF. DOCUMENT NUMBER DATE COUNTRY CLASS TRANSLATION SUB **INITIALS** DES. YES/NO **CLASS** OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) SiByte, "Target Applications," http://sibyte.com/mercurian/applications.htm, January 15, 2001, 2 pages. A1 RIE SiByte, "SiByte Technology," http://sibyte.com/mercurian/technology.htm, January 15, 2001, 3 pages. A2 RIE SiByte, "The Mercurian Processor," http://sibyte.com/mercurian, January 15, 2001, 2 pages. RIE A3 SiByte, "Fact Sheet," SB-1 CPU, October 2000, rev. 0.1, 1 page. RIE A4 SiByte, "Fact Sheet," SB-1250, October 2000, rev. 0.2, 10 pages. **A5** RIE Stepanian, SiByte, "SiByte SB-1 MIPS64 CPU Core, Embedded Processor Forum 2000, June 13, 2000, 15 A6 RIE Jim Keller, "The Mercurian Processor: A High Performance, Power-Efficient CMP for Networking," October A7 RIE 10, 2000, 22 pages. Tom R. Halfhill, "SiByte Reveals 64-Bit Core For NPUs; Independent MIPS64 Design Combines Low Power, RIE High Performance," Microdesign Resources, June 2000, Microprocessor Report, 4 pages. Patterson and Hennessy, "Computer Architecture A Quantitative Approach," Second Edition, Morgan Α9 RIE Kaufmann Publishers, Inc., 1990/1996, pp.375-378.

R. ELMORE DATE CONSIDERED: 3-7-2005 EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through

EXAMINER: